0420/0590 O IPE #8

CRF Errors Corrected by the STIC System Branch

Serial Number: 09/940,316B

CRF Processing Date: 2/25/03
Edited by: DC
Verified by: _____ (STIC staff)

ENTERED

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically:

  _____
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other _____.
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically:

  _____
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were:

  _____
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

  _____
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included:

  _____
- ☐ Deleted extra, invalid, headings used by an applicant, specifically:

  _____
- ☐ Deleted: ☐ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as _____.
- ☐ Inserted mandatory headings, specifically: _____
- ☐ Corrected an obvious error in the response, specifically:

  _____
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically:

  _____
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted ***ending*** stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____
- ☑ Other: Re-aligned amino numbering.

***Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.**

3/1/95

OIPE

RAW SEQUENCE LISTING DATE: 02/25/2003
PATENT APPLICATION: **US/09/940,316B** TIME: 14:18:49

Input Set : **N:\jumbos\09940316BDC.txt**
Output Set: **N:\CRF4\02252003\I940316B.raw**

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      4       REEVES, CHRISTOPHER
      5       CHU, DANIEL
      6       KHOSLA, CHAITAN
      7       SANTI, DANIEL
      8       WU, KAI
     10 <120> TITLE OF INVENTION: POLYKETIDES ENCODING THE fkbA GENE OF THE FK-520 POLYKETIDE
SYNTHASE
     11       GENE CLUSTER
     13 <130> FILE REFERENCE: 30062-20026.11
     15 <140> CURRENT APPLICATION NUMBER: 09/940,316B
     16 <141> CURRENT FILING DATE: 2001-08-27
     18 <150> PRIOR APPLICATION NUMBER: 09/410,551
     19 <151> PRIOR FILING DATE: 1999-10-01
     21 <150> PRIOR APPLICATION NUMBER: US 60/139,650
     22 <151> PRIOR FILING DATE: 1999-06-17
     24 <150> PRIOR APPLICATION NUMBER: US 60/123,810
     25 <151> PRIOR FILING DATE: 1999-03-11
     27 <150> PRIOR APPLICATION NUMBER: US 60/102,748
     28 <151> PRIOR FILING DATE: 1998-10-02
     30 <160> NUMBER OF SEQ ID NOS: 72
     32 <170> SOFTWARE: FastSEQ for Windows Version 4.0
     34 <210> SEQ ID NO: 1
     35 <211> LENGTH: 77536
     36 <212> TYPE: DNA
     37 <213> ORGANISM: Streptomyces hygroscopicus
     39 <220> FEATURE:
     40 <221> NAME/KEY: CDS
     41 <222> LOCATION: (52275)...(71465)
     43 <400> SEQUENCE: 1
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     45 tgtacggacc acttcagtca gcggcgattg cggaaccaag tcatccggaa taaagggcgg    120
     46 ttacaagatc ctcacattgc gcgaccgcca gcatacgctg agttgcctca gaggcaaacc    180
     47 gaaagggcgc gggcggtccg caccagggcg gagtacgcga cgagagtggc gcacccgcgc    240
     48 accgtcacct ctctcccccg ccggcgggat gcccggcgtg acacggttgg gctctcctcg    300
     49 acgctgaaca cccgcgcggt gtggcgtcgg ggacaccgcc tggcatcggc cgggtgacgg    360
     50 tacggggagg gcgtacggcg gccgtggctc gtgctcacgg ccgccgggcg gtcatccgtc    420
     51 gagacggcac tcggcgagca gggacgcctg gtcggcacct gcgggccgga cgaccgtgtg    480
     52 gttcgcgggc gggcggtggc cggtggtgag ccagctctcc agggcggtga aggctgagcg    540
     53 gtgacacggc agcaaaggcc ggagtcggtc ggggaaggtg tcgacgaggg cgtcggtgtg    600
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     56 cagcggcttg ccgatacgac cggtcaacgc gatgcgttcc acggccgcgt ggacgccgga    780
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 61 ggtggggtag tcgcgcaggg cggccggcag gaaggtgaag aggttgggac cctccgcgcg   1080
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 67 gtcgttggcg tactgctcgc ggttaccggg ggtgccggcc acgaccaggc caccgttcca   1440
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 79 gcccatgttc tggccggagc ccttggcgta ggtgtaaccg gcgctcgtcg tggcgcggcc   2160
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162 ggagccgtcc cctgggtgct cttcggcctg gcggcactgc tctgcgcgac aggcgcggcc   7140
163 tcgcccgcgg cggtggcgat cgtggcgccg atcagcgtcg cgttcgccgt caggcaccgc   7200
164 atcgatccgc tgtacgccgg actgatggcg gtgaacgggg ccgcagccgg cagtttcgcc   7260
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VERIFICATION SUMMARY DATE: 02/25/2003
PATENT APPLICATION: **US/09/940,316B** TIME: 14:18:50

Input Set : **N:\jumbos\09940316BDC.txt**
Output Set: **N:\CRF4\02252003\I940316B.raw**

L:2519 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:1
L:7351 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:28